PRE-COURSE WORK ASSIGNMENT

COURSE: Fire Program Management, M-581

LESSON: I - Decision Making: Wildland Fire Situation Analysis

UNIT: 4 - Program Implementation

SUGGESTED TIME: 1 hour

EQUIPMENT: A computer that has the WFSA Plus software, either versions 4.3 or 4.4 or internet access to the WFSA web site.

MATERIALS: 4I, Pre-course Work Assignment; PotPeak3.wfs file, PotPeak Map file, WFSA Key Item Checklist, and a blank Wildland Fire Situation Analysis

OBJECTIVES: Upon completion of the pre-course work, participants will be able to participate in classroom discussions and answer questions posed by the instructor.

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Pre-Course Work – 4I   Name: _____
Due to NAFRI by April 6, 2005   Email:_____
                                            Work phone: _____

A. INTRODUCTION

This pre-course work has been designed to prepare you to answer instructor lead questions and to participate in discussion of key topics during the classroom presentation.

B. ASSIGNMENT

1. Download PotPeak3.wfs file and the potpeak_wfsa_6_29_04 map file to the "Doc" section of your computers WFSA Plus file. If you do not have the WFSA Plus Software, download it to your computer from the following site: http://www.fs.fed.us/fire/wfsa. You can then run the file by opening the WFSA program, click Open for an existing fire, go to the Doc file, and click on PotPeak3.wfs file. Once it is open you can either print a copy or review on line.

2. Included is a "WFSA Key Item Checklist" for your review of the PotPeak3 WFSA, it is for your practice review use.

3. <u>Questions by section</u>:

   a. WFSA Information

   b. Fire Situation

   What three factors presented do you feel will have an influence in preparation of the WFSA?

   c. Decision Summary

   (1) What is wrong with this summary discussion? What do you think has happened?

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(2) Based upon your general knowledge, do you feel that this information could be used by the Agency administrator to give specific direction to an Incident Commander?

    d. Daily Review

    e. Final Review

    f. Resource Management Objectives

    g. Objectives

    Do the priorities and weighting seem consistent with the Decision Summary selection of alternative?

Name: _____

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h. Safety Issues

Do you feel Safety Issues are discussed adequately in the Decision Summary?

Alternatives
Based upon the narratives for the two alternatives do you feel that there is enough information without local knowledge to weigh the alternatives against the Objectives?

Estimated Suppression Cost
Since Estimated Suppression Costs in this example are based upon Historic Average Cost per Acre, what could be the cost trap that the decision maker falls into?

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i. **Decision Tree**

Without the benefit of other information which alternative would you select based upon the Decision Tree alone?

j. **Comparison of Alternatives**

Does the weight applied to each alternative under "outcomes" for "Tg" (target Outcome), "F"(fallback) and "W"(Worse Case") seem consistent with the information provided?

k. **Incident Complexity Analysis**

Is the analysis complete, does it match in information provided?